

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
06837-123002Application No.
09/975,343**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant
Akira Ishikawa et al.Filing Date
October 11, 2001Group Art Unit
1173RECEIVED
SEP 5 2002
TC 7-160**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
DL	AA	2,923,781	02/1960	Gordon et al.			
DL	AB	3,404,392	10/1968	Sordello			
DL	AC	3,426,337	02/1969	Black et al.			
DL	AD	3,637,991	01/1972	Yanagawa			
DL	AE	3,662,120	05/1972	Hess			
DL	AF	3,768,752	10/1973	Bettini et al.			
DL	AG	3,790,755	02/1974	Silverman			
DL	AH	3,838,291	09/1974	Marion et al.			
DL	AI	3,914,793	10/1974	Burnham			
DL	AJ	3,916,039	10/1975	Akashi et al.			
DL	AK	3,980,480	09/1976	Lairidon et al.			
DL	AL	4,008,085	02/1977	Lemahieu et al.			
DL	AM	4,123,788	10/1978	Kruger			
DL	AN	4,176,381	11/1979	de Niet et al.			
DL	AO	4,275,425	06/1981	Watanabe et al.			
DL	AP	4,313,143	01/1982	Zarr			
DL	AQ	4,315,283	02/1982	Kinjo et al.			
DL	AR	4,340,305	07/1982	Smith et al.			
DL	AS	4,371,904	02/1983	Brooke			
DL	AT	4,380,032	04/1983	Pfost			
DL	AU	4,424,111	01/1984	Moeller et al.			
DL	AV	4,558,383	12/1985	Johnson			
DL	AW	4,570,191	02/1986	Di Stefano et al.			
DL	AX	4,578,311	03/1986	Ishikuro et al.			
DL	AY	4,626,469	12/1986	Yamaguchi et al.			
DL	AZ	4,633,451	12/1986	Ahn et al			
DL	AAA	4,679,104	07/1987	Dahlerud			

Examiner Signature

Date Considered

3-4-2003

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(37 CFR § 2.23(b))

U.S. Patent Documents

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PR	ABB	4,737,877	04/1988	Krongelb et al.			
PR	ACC	4,746,542	05/1988	Chino et al.			
PR	ADD	4,750,067	06/1988	Gerfast			
PR	AEE	4,802,030	01/1989	Henry et al.			
PR	AFF	4,816,939	03/1989	Ford et al.			
PR	AGG	4,816,941	03/1989	Edel et al.			
PR	AHH	4,843,494	06/1989	Cronin et al.			
PR	AII	4,848,698	07/1989	Newell et al.			
PR	AJJ	4,868,046	09/1989	Moriizumi et al.			
PR	AKK	4,876,886	10/1989	Bible et al.			
PR	ALL	4,884,260	11/1989	Bouldin et al.			
PR	AMM	4,935,835	06/1990	Godwin et al.			
PR	ANN	4,937,810	06/1990	Drexler et al.			
PR	AOO	4,958,245	09/1990	Roth et al.			
PR	APP	4,961,123	10/1990	Williams et al.			
PR	AQQ	4,969,058	11/1990	Williams et al.			
PR	ARR	4,983,496	01/1991	Newell et al.			
PR	ASS	5,008,765	04/1991	Youngquist			
PR	ATT	5,016,240	05/1991	Strandjord et al.			
PR	AUU	5,038,030	08/1991	Hayashi et al.			
PR	AVV	5,050,017	09/1991	Carr et al.			
PR	AWW	5,065,387	11/1991	Roth et al.			
PR	AXX	5,067,039	11/1991	Godwin et al.			
PR	AYY	5,105,322	04/1992	Steltzer			
PR	AZZ	5,120,927	06/1992	Williams et al.			
PR	AAAA	5,121,371	06/1992	Farnsworth et al.			
PR	ABBB	5,163,032	11/1992	Van Nieuwland et al.			

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U.S. Patent Documents							
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Dr	ACCC	5,196,297	03/1993	Dombrowski et al.			
Dr	ADDD	5,196,969	03/1993	Iwamatsu et al.			
Dr	AEEE	5,210,672	05/1993	Ivers et al.			
Dr	AFFF	5,229,620	07/1993	Pahr			
Dr	AGGG	5,262,908	11/1993	Iwamatsu et al.			
Dr	AHHH	5,279,775	01/1994	Thomas et al.			
Dr	AIHH	5,280,402	01/1994	Anderson et al.			
Dr	AJJJ	5,283,773	02/1994	Thomas et al.			
Dr	AKKK	5,311,378	05/1994	Williams et al.			
Dr	ALLL	5,319,507	06/1994	Umebayashi et al.			
Dr	AMMM	5,322,987	06/1994	Thomas et al.			
Dr	ANNN	5,333,091	07/1994	Iggulden et al.			
Dr	AOOO	5,349,484	09/1994	Koehler			
Dr	APPP	5,363,255	11/1994	Ivers et al.			
Dr	AQQQ	5,369,631	11/1994	Hwang			
Dr	ARRR	5,371,636	12/1994	Nayak et al.			
Dr	ASSS	5,379,283	01/1995	Miyajima			
Dr	ATTT	5,379,710	01/1995	Schwarz			
Dr	AUUU	5,414,578	05/1995	Lian et al.			
Dr	AVVV	5,414,585	05/1995	Saliba			
Dr	AWWW	5,432,652	07/1995	Comeaux et al.			
Dr	AXXX	5,448,430	09/1995	Bailey et al.			
Dr	AYYY	5,450,257	09/1995	Tran et al.			
Dr	AZZZ	5,452,152	09/1995	Rudi			
Dr	AAAAA	5,457,586	10/1995	Solhjell			
Dr	ABBBB	5,462,823	10/1995	Evans et al.			
Dr	ACCCC	5,510,140	04/1996	Kurose et al.			

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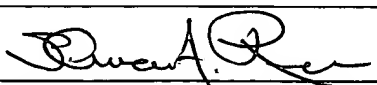
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06837-123002	Application No. 09/975,343
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Akira Ishikawa et al.	
		Filing Date October 11, 2001	Group Art Unit 1173

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
DL	ADDDDD	5,515,212	05/1996	Chiao et al.			
DL	AEEEE	5,518,804	05/1996	Mizuno et al.			
DL	AFFFF	5,523,904	06/1996	Saliba			
DL	AGGGG	5,532,042	07/1996	Kawarai et al.			
DL	AHHHH	5,535,069	07/1996	Chiao et al.			
DL	AIIII	5,563,868	10/1996	Farnsworth et al.			
DL	AJJJJ	5,566,033	10/1996	Frame et al.			
DL	AKKKK	5,589,247	12/1996	Wallack et al.			
DL	ALLLL	5,615,205	03/1997	Belser			
DL	AMMMM	5,661,616	08/1997	Tran et al.			
DL	ANNNN	5,661,823	08/1997	Yamaguchi et al.			
DL	AOOOO	5,674,583	10/1997	Nakayama et al.			
DL	APPPP	5,675,448	10/1997	Molstad et al.			
DL	AQQQQ	5,677,806	10/1997	Eckberg et al.			
DL	ARRRR	5,680,278	10/1997	Sawtell, Jr.			
DL	ASSSS	5,689,384	11/1997	Albrecht et al.			
DL	ATTTT	5,705,268	01/1998	Ishikawa et al.			
DL	AUUUU	5,718,964	02/1998	Naoe et al.			
DL	AVVVV	5,726,834	03/1998	Eckberg et al.			
DL	AWWWW	5,774,313	06/1998	Tanaka et al.			
DL	AXXXX	5,855,589	01/1999	McEwen et al.			
DL	AYYYY	5,858,589	01/1999	Govaert et al.			
DL	AZZZZ	5,872,675	02/1999	Solhjell			
DL	AAAAAA	5,877,910	03/1999	Williams et al.			
DL	ABBBB	5,993,948	11/1999	Yamazaki et al.			
DL	ACCCCC	6,033,752	03/2000	Suzuki et al.			
DL	ADDDDE	6,063,489	05/2000	Kobayashi et al.			

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Applicant

Akira Ishikawa et al.

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October 11, 2001

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1173

SEP 5 2002

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
QU	AEEEEEE	6,075,678	06/2000	Saliba			
QU	AFFFFF	6,084,740	07/2000	Leonhardt et al.			
QU	AGGGGG	6,103,365	08/2000	Ishii et al.			
QU	AHHHHH	6,108,159	08/2000	Nute et al.			
QU	AIIIII	6,236,529	05/2001	Leonhardt et al.			
QU	AJJJJJ	6,246,535	06/2001	Saliba et al.			
QU	AKKKKK	6,319,595	11/2001	Katashima et al.			
QU	ALLLLL	2001/006437	07/2001	Leonhardt et al.			
	AMMMMM						
	ANNNNN						
	AOOOOO						
	APPPPP						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AQQQQQ	586 944	04/1977	Switzerland				
	ARRRRR	26 16 362	11/1977	Germany				
	ASSSSS	32 01 935	08/1983	Germany				
	ATTTTT	34 17 426	11/1985	Germany				
	AUUUUU	41 42 052	07/1992	Germany				
	AVVVVV	24 06 292	08/1975	Germany				
QU	AWWWW	0 069 548	01/1983	Europe				
QU	AXXXX	0 083 753	07/1983	Europe				
QU	AYYYY	0 097 774	01/1984	Europe				
QU	AZZZZ	0 108 258	05/1984	Europe				
	AAAAAA	0 119 568	09/1984	Europe				
QU	ABBBBB	0 130 495	01/1985	Europe				

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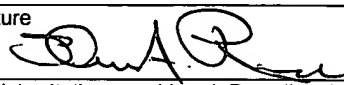
3-4-2003

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06837-123002	Application No. 09/975,343
		Applicant Akira Ishikawa et al.	
		Filing Date October 11, 2001	Group Art Unit 1173

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
OK	ACCCCC	0 155 000	09/1985	Europe				
OK	ADDDDD	0 166 199	01/1986	Europe				
OK	AEEEEEE	0 177 737	04/1986	Europe				
OK	AFFFFFF	0 180 258	05/1986	Europe				
OK	AGGGGG	0 189 948	08/1986	Europe				
OK	AHHHHH	0 244 005	11/1987	Europe				
OK	AIIIII	0 257 713	03/1988	Europe				
	AJJJJJ	0 311 485	04/1989	Europe				
OK	AKKKKK	0 311 859	04/1989	Europe				
OK	ALLLLL	0 336 419	10/1989	Europe				
OK	MMMMMM	0 344 759	12/1989	Europe				
OK	NNNNNN	0 347 074	12/1989	Europe				
OK	AOOOOO	0 351 837	01/1990	Europe				
OK	APPPPP	0 353 007	01/1990	Europe				
OK	AQQQQQ	0 368 268	05/1990	Europe				
OK	ARRRRR	0 368 269	05/1990	Europe				
OK	ASSSSS	0 390 555	10/1990	Europe				
OK	ATTTTT	0 423 662	04/1991	Europe				
OK	AUUUUU	0 434 230	06/1991	Europe				
OK	AVVVVV	0 443 810	08/1991	Europe				
OK	WWWWWW	0 484 774	05/1992	Europe				
OK	AXXXXX	0 484 775	05/1992	Europe				
OK	AYYYYY	0 484 779	05/1992	Europe				
OK	AZZZZZ	0 484 780	05/1992	Europe				
OK	AAAAAA	0 496 461	07/1992	Europe				
OK	BBBBBB	0 535 112 (WO91/20077)	12/1991	Europe				
OK	ACCCCC	0 549 845	07/1993	Europe				

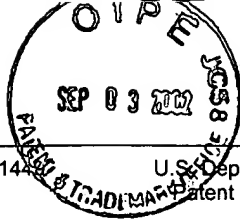
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	DDDDDE	0 549 854	07/1993	Europe				
<i>DR</i>	AE EEEEE	0 555 511	08/1993	Europe				
<i>DR</i>	AF FFFFF	0 564 187	10/1993	Europe				
<i>DR</i>	GG GGGG	0 598 503	05/1994	Europe				
<i>DR</i>	HH HHHH	0 606 710	07/1994	Europe				
<i>DR</i>	AI IIIII	0 645 043 (WO93/26004)	12/1993	Europe				
<i>DR</i>	AJ JJJJJ	0 645 044 (WO93/26007)	12/1993	Europe				
<i>DR</i>	KK KKKK	0 655 960 (WO93/25343)	12/1993	Europe				
<i>DR</i>	AL LLLLL	0 684 597	11/1995	Europe				
<i>DR</i>	MM MMMM	0 854 471	07/1998	Europe				
<i>DR</i>	NN NNNN	1 026 665	08/2000	Europe				
<i>DR</i>	OO OOOO	1 026 666	08/2000	Europe				
<i>DR</i>	AP PPPPP	1 026 667	08/2000	Europe				
<i>DR</i>	QQ QQQQ	1 117 092	07/2001	Europe				
	RR RRRR	2 315 142	01/1977	France				
<i>DR</i>	AS SSSSS	1 595 136	08/1981	United Kingdom				
<i>DR</i>	AT TTTTT	2 008 290	05/1979	United Kingdom				
<i>DR</i>	UU UUUU	2 121 227	12/1983	United Kingdom				
<i>DR</i>	VV VVVV	2 335 785	09/1999	United Kingdom				
<i>DR</i>	WW WWW	56-111169	09/1981	Japan				✓
	XX XXXX	57-050346	03/1982	Japan				
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<i>DR</i>	AZ ZZZZZ	57-120255	07/1982	Japan				✓
	AA AAAA	61-142530	06/1986	Japan				
	BB BBBB	61-293372	12/1986	Japan				
<i>DR</i>	CC CCCCC	62-192025	08/1987	Japan				✓

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PU	DDDDDD	63-148416	06/1988	Japan				✓
PU	EEEEEE	63-251924	10/1988	Japan				
PU	FFFFFF	64-070916	03/1989	Japan				
PU	GGGGGG	2-169915	06/1990	Japan				
PU	HHHHHH	3-094881	04/1991	Japan				
PU	IIIIIII	3-141087	06/1991	Japan				
PU	AJJJJJJ	3-201215	09/1991	Japan				
PU	KKKKKK	3-219432	09/1991	Japan				
PU	LLLLLL	3-242816	10/1991	Japan				
PU	MMMMM	4-003832	01/1992	Japan				
	NNNNNN	4-038632	02/1992	Japan				✓
	OOOOOO	4-059399	02/1992	Japan				
PU	APPPPPP	4-252417	09/1992	Japan				✓
PU	QQQQQQ	4-305844	06/1999	Japan				✓
	RRRRRR	5-073883	03/1993	Japan				
PU	ASSSSSS	6-020414	01/1994	Japan				✓
PU	TTTTTT	6-139549	05/1994	Japan				
PU	JUUUUU	6-243619	09/1994	Japan				
PU	VVVVVV	6-259736	09/1994	Japan				
PU	WWWWWW	7-029136	01/1995	Japan				
PU	XXXXXX	7-057412	03/1995	Japan				
PU	YYYYYY	7-065434	03/1995	Japan				
PU	ZZZZZZ	7-082626	09/1995	Japan				
PU	AAAAAA	7-220255	08/1995	Japan				
PU	BBBBBB	8-174669	07/1996	Japan				
PU	CCCCCC	9-007131	01/1997	Japan				
PU	DDDDDD	9-033773	02/1997	Japan				✓

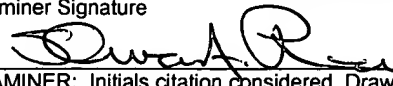
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							Yes	No
DR	EEEEEEE	9-035246 ✓	02/1997	Japan				✓
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DR	GGGGGG	9-289885	11/1997	Japan				
DR	HHHHHH	9-289973	11/1997	Japan				
DR	IIIIIII	9-297914	11/1997	Japan				
DR	AJJJJJJ	9-320197	12/1997	Japan				
DR	KKKKKK	10-043924	02/1998	Japan				
DR	LLLLLLL	10-190867	07/1998	Japan				
DR	MMMMM	10-251432	09/1998	Japan				
DR	NNNNNN	10-297181	11/1998	Japan				
DR	OOOOOO	11-066529	03/1999	Japan				
DR	PPPPPPP	11-066745	03/1999	Japan				
DR	QQQQQQ	11-096705	04/1999	Japan				
DR	RRRRRRR	11-126328	05/1999	Japan				
DR	SSSSSSS	11-154312	06/1999	Japan				
DR	TTTTTTT	11-161928	06/1999	Japan				
DR	UUUUUU	11-213383	08/1999	Japan				
DR	VVVVVVV	11-213384	08/1999	Japan				
DR	WWWWW	11-242814	09/1999	Japan				
DR	XXXXXXX	11-339254	12/1999	Japan				
DR	YYYYYYY	11-353642	12/1999	Japan				
DR	ZZZZZZZ	2001-048351	02/2001	Japan				
DR	AAAAAAA	2001-067652	03/2001	Japan				✓
	BBBBBBB	9-288813 ✓	09/1997	Japan				
	CCCCCCC	9-293230 ✓	9-1997	Japan				
DR	DDDDDD	2001-076326	03/2001	Japan				✓
DR	EEEEEEE	9406847	07/1994	South Korea				✓

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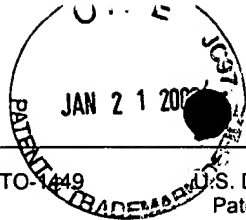
(37 CFR §1.98(b))

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							Yes	No
	TTTTTTTT	1137513	01/1985	Soviet Union				
<i>PR</i>	GGGGGG	WO 83/01858	05/1983	WIPO				
<i>PR</i>	HHHHHH	WO 85/02933	07/1985	WIPO				
<i>PR</i>	IIIIIIII	WO 85/03376	08/1985	WIPO				
<i>PR</i>	AJJJJJJJ	WO 88/02168	03/1988	WIPO				
<i>PR</i>	KKKKKK	WO 94/12975	06/1994	WIPO				
<i>PR</i>	LLLLLL	WO 99/21178	04/1999	WIPO				✓
<i>PR</i>	MMMMM	WO 99/21179	04/1999	WIPO				✓
<i>PR</i>	NNNNNN	WO 99/27530	06/1999	WIPO				
<i>PR</i>	OOOOOO	WO 99/28909	06/1999	WIPO				
<i>PR</i>	PPPPPP	WO 00/49604	08/2000	WIPO				✓
<i>PR</i>	QQQQQQ	WO 00/49605	08/2000	WIPO				✓
<i>PR</i>	RRRRRR	WO 00/49607	08/2000	WIPO				
	SSSSSS							

* ABSTRACTS ONLY CONSIDERED

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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	WWWWWW	

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	Attorney's Docket No. 06837-123002 / Q00- 1132-US1	Application No. 09/975,343
	Applicant Akira Ishikawa et al.	
	Filing Date October 11, 2001	Group Art Unit 1773

U.S. Patent Documents

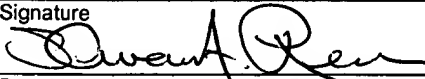
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